

Dehumidification and ventilation with *SolarVenti*

SolarVenti - a warm and fresh solution

Ideal for cabins, garages, allotment houses, cellars

Patent pend.

No running cost!

The system starts and stops automatically controlled by the sun. The system is totally independent on the public electrically supply - ideal for house which in periods is unoccupied. - Nothing to leak and no damage possible.

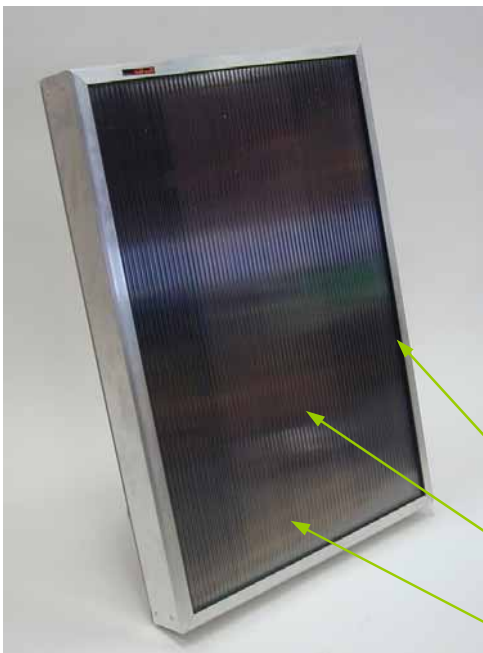
Ventilation with heating

The fan has a capacity of approx. 50 m³/h. The air in the building will be exchange by fresh, warm and dry air - humidity and smell will be removed. The system further gives a surplus for heating of the building.

- Simple, efficient and cheap.



New: Now also in the size of 72 x 54 cm for even smaller places like boots, camping wagons, cottages



The Siting

A south, south east or south west facing site, with minimum shade is ideal. The solar air panel can be wall mounted directly or to special brackets provided. A valve for regulation of the airflow is installed inside the house, connected to the solar air panel and fan via a special flex-tube.

Easy to install

The system can be fitted within a few hours, either by our operatives or by a do it yourselves enthusiast. The only tools required being a power drill, a screwdriver and a hammer and chisel. Full installation instructions enclosed with the system. (In English)

The 3 components:

Solar air collector

PV panel

Fan (Behind)

Easy function

- solar controlled, solar maintained. Each time the sun shines the fan will start to blow fresh warm and dry air into the building. The fan is controlled and driven by a solar cell - so no running cost.

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Technical data:

SolarVenti Producer Aidt Miljø A/S Denmark

Solar air collector SV3	SV7	SV14
Dimension: 72 x 54 x 10 cm	102 x 72 x 10 cm	199 m 72 x 10 cm
Weight 9 kg	16 kg	25 kg
Frame: _____	Sturdy aluminium _____	_____
Colour: _____	Black, white or Aluminium *) _____	_____
Cover: _____	Polycarbonate _____	_____
Absorber: _____	Special felt mat _____	_____
Air outlet: 100 mm	125 mm	125 mm
Backside: -----	1 mm special perforated alu.plate -----	-----

PV panel

Dimension: 46 x 31 x 0,8 cm	92 x 31 x 0,8 cm	92 x 31 x 0,8 cm
Power: 6 Watt	12 Watt	12 Watt

Ventilator

Producer _____	Papst _____	_____
Model: Multifan	Multifan 4312	Multifan 4312
Dimension: _____	119 x 119 x 32 mm	119 x 119 x 32 mm
Airflow: ca. 25 m ³ pr hour	50 m ³ pr hour	60 m ³ pr hour

Other information and recommendations

Temp. rise: ca 15 degrees	ca 15 degrees	ca 30 degrees
Max size ca 25 m ² house	ca 40 m ²	ca 70 m ²

All models may be put on to the wall. There is a special edition for roof mounting.
*) Additional price for roof mounting and coloured frame.

Rights to make alterations reserved



Where is a special need for fresh air:

All kinds of rooms and houses which are unoccupied for longer periods.

Also garages, cellars, containers may profit from this method.

You may avoid mould on cloth and reduce rust on metal or instruments (pianos, guitar's)

The air is also filtered before blown in.

The perforated backside automatically reduces the intake of particles about 50 % and the next absorber felt takes most of the rest.

The system runs many years without maintenance and totally without costs.

This small system normally keeps a small house of 70/50/25 m² fresh and dry, but naturally it can make a big difference in bigger houses too.

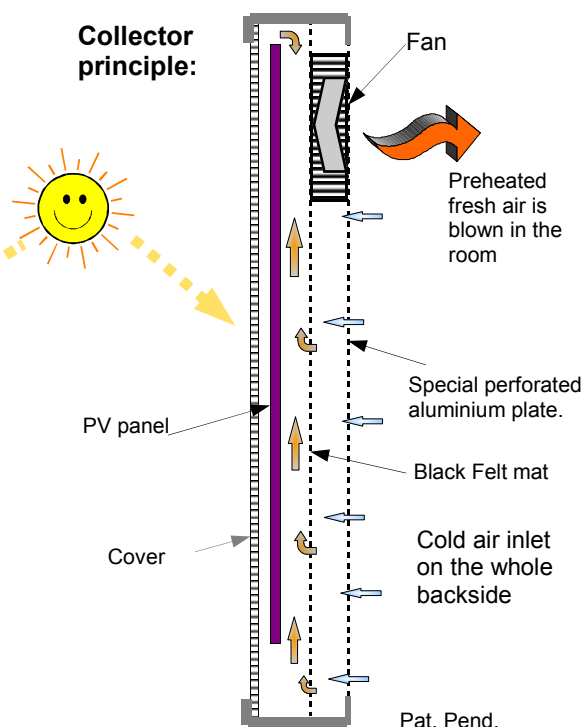
Do this instead of:

- Having constant heat on empty buildings
- Using compressor systems (with a consumption of electricity)

Why is this a better way of removing humidity ?

- It runs free and automatically after the installation
- You get fresh air into the building
- Strong reduction of risk for rot
- Independent of public power supply
- The house doesn't need extra heat to keep dry
- Removes the smell at the same time

Have you got a larger house than 70 m²? You may then install more systems at different places on the wall for a good result.



Aidt Miljø A/S the Danish producer, has developed, sold and installed solar energy systems since 1981.

Solar air systems has been produced by Aidt Miljø since 1988 and SolarVenti since 2001.

In Denmark the SolarVenti system has already been sold in a number of more than 2000. (Year 2003)

Air collector are **also available in a size of 3 m²**